

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as follows:

Data Storage and Processing Systems

~~This invention generally relates to systems, methods and computer program code~~We
~~describe techniques for storing and processing data, in particular~~data captured in
~~large volumes of data captured by monitoring digital mobile communications~~
~~networks such as~~from digital mobile phone networks.

~~A method of storing data captured from a digital communications network, for~~
~~processing, said captured data comprising a stream of messages having message~~
~~parameters, said stream of messages comprising messages of a plurality of~~
~~communications sessions, the method comprising: inputting data from said stream of~~
~~messages; writing, for sequential ones of said~~said networks. One technique inputs a
~~stream of messages, writes sequential sets of message parameters into a first~~
~~FIFO (first in first out) data structure, at an entry point of said first FIFO data~~
~~structure; reading said sequential sets of~~point; reads the parameters from an
~~exit point of said first FIFO data structure; and writing sequential sets of parameters~~
~~read from said first FIFO data structure~~point; and writes the read parameters into a
~~second data structure; and wherein said~~structure. Importantly in this technique the
~~entry point and said~~the exit point are separated by a first data structure length; and
~~wherein said first data structure length has a predetermined minimum value~~length
~~defined in terms of a number of said~~the sets of parameters and/or a time. Some
~~preferred implementations also include a last value data store or bucket to store one~~
~~or more most recent previous values of~~between said writing of a said set of
~~parameters into said first data structure and said reading of a said set of parameters~~
~~from said first data structure.~~message parameters.